MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER, 1935

J. A. BROWN, DIRECTOR

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SEPTEMBER 1935
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.2	55.5	55.3	55.3	32.3	25.6	30.4	31.9	26.9	29.7
2	5.6	4.5	4.0	5.2	32.8	24.4	29.7	31.6	27.2	29.5
3	3.5	3.8	4.4	3.9	31.9	26.7	28.2	31.1	26.6	28.6
4	6.0	6.4	7.9	6.8	31.9	22.8	29.4	31.6	26.7	29.2
5	8.6	7.9	8.2	8.3	32.8	23.9	28.3	31.9	25.9	28.7
6	57.4	55.7	55.7	56.3	32.8	23.9	28.8	32.3	26.7	29.3
7	5.1	4.4	4.8	4.8	32.7	23.9	29.3	31.6	26.1	29.0
8	4.9	4.5	5.1	4.8	32.3	23.3	28.9	31.7	25.4	28.7
9	5.8	5.1	6.3	5.7	32.1	23.3	28.6	31.9	26.1	28.9
10	7.0	6.5	7.0	6.8	31.8	22.8	28.6	31.1	25.6	28.4
11	57.1	56.7	57.2	57.0	32.8	24.2	28.7	31.6	26.5	28.9
12	7.9	7.6	8.7	8.1	31.6	23.9	27.7	31.3	25.6	28.2
13	9.6	8.8	9.6	9.3	32.0	23.3	28.3	31.6	25.0	28.3
14	9.9	8.3	8.6	8.9	31.9	24.2	27.2	31.1	25.9	28.1
15	8.1	7.0	6.8	7.3	32.4	23.8	28.3	31.8	25.8	28.6
16	56.8	56.2	57.1	56.7	32.3	23.4	28.3	31.6	25.0	28.3
17	7.2	6.7	6.8	6.9	32.2	22.9	28.6	31.7	25.6	28.7
18	6.9	6.2	6.5	6.5	32.7	23.6	27.8	32.4	25.7	28.7
19	6.1	5.6	6.7	6.1	30.8	22.8	28.1	30.1	24.7	27.6
20	7.9	8.0	8.9	8.3	31.6	23.5	27.6	30.4	25.7	27.9
21	59.2	58.5	59.2	59.0	32.9	24.1	27.8	31.9	26.6	28.8
22	8.6	7.3	87.2	7.7	30.7	23.3	29.8	30.6	26.0	28.8
23	7.9	7.9	8.5	8.1	31.7	26.1	29.4	30.9	26.6	29.0
24	9.7	9.6	60.1	9.8	32.1	24.4	28.0	29.7	24.6	27.4
25	60.0	9.3	59.3	9.5	31.1	22.2	27.8	30.1	25.5	27.8
26	58.4	58.0	59.0	58.5	31.1	23.3	27.4	30.8	25.1	27.8
27	8.8	8.4	8.8	8.7	30.4	22.8	27.9	29.7	25.1	27.6
28	9.0	7.7	7.4	8.0	30.3	21.8	27.4	29.8	22.4	26.5
29	8.3	9.3	60.2	9.3	26.7	21.1	25.0	25.6	21.1	23.9
30	60.7	60.3	0.9	60.6	28.3	17.8	21.3	26.6	23.2	23.4
	757.61	757.06	755.67	757.21	31.68	23.44	28.09	30.87	25.50	28.14

Barometer, range for month 753.5 mm.–760.9 mm.
,, 50-yr. average for month 758.957 mm.
Thermometer, Range for month 32.9 C.—17.8 C.
,, 50-yr. average for month 27.13 C.
Rain, total for month 6.09 mm.
,, , 50-yr. average for month 7.37 mm.
,, , total, Sept. 1st to end of month 6.09 mm.
50-yr. average, Sept. 1st to end of month 7.37 mm.

SEPTEMBER 1935
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	25.5	26.0	24.1	20.1	20.0	20.0	20.0	62	56	76	64.7	10.5	
2	24.8	25.6	24.3	19.3	19.3	20.1	19.6	62	56	75	64.3	11.4	
3	24.3	24.3	22.7	19.5	17.3	17.5	18.1	68	51	67	62.0	3.5	
4	23.8	24.2	22.7	15.9	16.8	17.3	16.7	52	49	66	55.7	11.4	
5	23.2	24.6	23.2	17.2	17.2	18.8	17.7	59	49	75	61.0	11.5	
6	24.6	25.8	23.9	18.7	19.4	19.8	19.3	66	55	76	65.7	11.5	
7	24.8	25.8	24.6	19.6	19.8	21.6	20.3	65	57	86	69.3	11.6	
8	24.8	25.9	23.7	19.8	20.0	20.3	20.0	67	57	84	69.3	11.5	
9	23.5	24.9	23.2	17.5	17.9	18.8	18.1	59	50	74	61.0	11.5	
10	23.4	24.8	23.2	17.5	18.3	19.2	18.3	60	54	78	64.0	11.4	
11	24.3	25.5	23.3	18.9	19.5	18.6	19.0	64	55	72	63.7	11.4	
12	22.7	23.7	22.2	16.8	16.2	17.2	16.7	62	47	71	60.0	10.9	
13	22.2	24.0	22.2	15.5	16.5	17.7	16.6	54	48	75	59.0	10.5	
14	23.3	24.9	23.2	18.1	18.5	18.9	18.5	68	55	75	66.0	10.5	
15	23.7	25.6	23.2	18.1	19.2	18.9	18.7	63	54	76	64.3	10.8	
16	23.8	25.4	22.9	18.3	19.1	19.1	18.8	64	54	81	66.3	10.5	
17	21.6	25.6	23.8	14.3	19.3	20.4	18.0	48	55	84	62.3	10.6	
18	24.3	22.8	23.8	19.7	14.1	20.2	18.0	71	39	82	64.0	11.0	
19	23.2	23.8	21.9	17.3	17.1	17.3	17.2	61	54	75	64.3	7.5	
20	22.9	24.1	22.8	17.2	17.4	18.2	17.6	62	54	74	63.3	11.4	
21	23.3	25.9	23.9	17.8	19.9	19.7	19.1	64	56	75	65.0	10.7	
22	24.8	25.4	23.8	19.1	19.9	20.1	19.7	61	60	81	67.3	10.9	
23	24.9	25.4	23.8	19.8	19.6	19.7	19.7	65	58	76	66.3	8.0	
24	23.0	23.1	21.5	17.1	16.2	16.7	16.7	61	53	73	62.3	8.4	
25	22.7	24.6	23.3	16.6	18.5	19.4	18.2	59	59	80	66.0	10.5	
26	23.2	24.3	21.0	17.1	17.5	15.5	16.7	65	53	66	61.3	11.0	
27	23.1	23.4	21.7	17.2	16.7	16.8	18.9	61	54	71	62.0	10.8	
28	21.9	23.9	21.1	15.5	17.4	17.5	16.8	57	56	86	66.3	8.5	2.79
29	18.3	18.2	16.6	11.7	11.3	11.2	11.4	50	46	60	52.0	8.0	0.51
30	17.6	20.1	18.2	12.5	13.1	12.4	12.7	66	50	59	58.3	9.5	2.79
				17.46	17.77	18.30	17.87	60.9	53.1	75.0	63.6	10.24	0.203

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

SEPTEMBER 1935

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	3cu	0	5cu	3.0	0	1sw	0	16.3	calm	
2	4stcu	1cu	10cu	5.0	2w	1w	0	16.0	„	
3	9cu	4stcu	3stcu	5.0	1sw	3sw	3sw	174.6	slight	
4	0	3stcu	5stcu	3.0	3sw	3sw	1sw	29.8	mod.	
5	3cu	3cu	7stcu	4.0	0	1sw	0	87.2	„	
6	0	2cu	0	0.7	2sw	2sw	0	130.8	calm	
7	0	0	0	0.0	2sw	2sw	1sw	270.7	„	
8	1cu	0	0	0.3	2sw	1sw	0	231.1	slight	
9	3stcu	0	10cu	4.3	1sw	2sw	0	128.7	calm	
10	0	0	0	0.0	0	1w	0	36.5	slight	
11	3stcu	4cu	4cu	3.7	1nw	1n	2nw	55.2	„	
12	3cu	3cu	10cu	5.3	1sw	2w	0	83.4	„	
13	1stcu	0	0	0.3	0	1sw	0	48.2	calm	
14	4cu	0	10cu	4.7	1sw	1sw	0	28.7	„	
15	1cu	3cu	4cu	2.7	0	2sw	0	63.6	slight	
16	0	1cu	0	0.3	2sw	2sw	0	174.8	„	
17	0	0	0	0.0	0	2w	0	129.2	„	
18	0	0	0	0.0	1sw	2w	0	73.5	calm	
19	0	2cicu	0	0.7	0	3sw	0	83.6	slight	
20	2cu	8stcu	0	3.3	1sw	1w	0	106.5	„	
21	0	2stcu	6stcu	2.7	0	0	0	117.8	light	
22	0	1cu	3stcu	1.3	1n	2n	3n	18.0	„	
23	6cu	0	10cu	5.3	0	1nw	0	31.4	slight	
24	6stcu	6cu	0	2.7	2sw	0	0	80.8	„	
25	0	0	2cu	0.7	0	2sw	0	120.7	„	
26	0	2cu	0	0.7	0	2sw	2sw	209.5	„	
27	1cu	2cu	0	1.0	0	3sw	1w	228.6	mod.	
28	4cu	3stcu	10cu	5.7	2sw	3sw	6sw	69.2	„	first rain
29	3stcu	9cu	0	2.3	2w	3w	0	819.7	rough	
30	3stcu	3cu	0	2.0	1w	2w	4n	168.8	mod.	
					28	52	23			
				2.36	0.9	1.7	0.8	125.77		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	0	0	0	13	3	1	12	30
14:30	2	0	0	0	0	16	9	1	2	30
20:30	2	0	0	0	0	5	1	1	21	30
Totals	5	0	0	0	0	34	13	3	35	

Number of days with rain 3, fog 0, thunderstorms 0, gales 0.

50-yr. average number of days with rain during month 1.2